Mohsin Malik

4975 Southampton Drive,
Mississauga, ON, L5M8E2

647-526-2183

mali7370@mylaurier.ca
www.linkedin.com/in/mohsin-malik-b874a0202
https://github.com/Mohsin230

Looking to secure a challenging position in a reputable organization to expand my learnings, knowledge, and skills.

EDUCATION

Wilfrid Laurier University   **Waterloo, ON**
Honours Bachelor of Science   *Class of 2023*
- Recent graduate in Honours BSc Computer Science Major (June 13 2023)
- Courses:
    - o   Computer Data Structures 1 & 2
    - o   Software Engineering
    - o   Object oriented Programming
    - o   System Programing & Operating Systems
    - o   Artificial Intelligence, Computer Networks
    - o   Other notable courses include: Applied Cryptography, Windows App Programming, Android App Programming, Data Visualization, E-commerce, Computer Algorithm Analysis, Database 1

SKILLS

Languages: Python, Java, C++, C, Javascript, PHP, SQL, HTML   **OS:** Windows, Linux, Android

Frameworks: React, Django, Node.js   **Version Control System:** Git

SUMMARY OF QUALIFICATIONS

- Deeply familiar with Python, Java, C, C++, Javascript, SQL, JSON, Android Studio, Godot, React, Node.js, Django, Git, Visual Studio
- Experience with software development both with individual projects and group projects, experience working as back-end in groups and at times project lead
- Also Experience in system programing, developing for windows, linux and android apps, web development, game development, Computer Network coding
- good experience with VBA, PHP, HTML, computer hardware design, database design, cryptography, Unity, ARM, Twitter API, creating an ecommerce website
- 8+ years of coding experience since early highschool

PERSONAL PROJECTS

- Bullet shooter game in Java using object oriented programming & simple AI algorithm for enemies that recognize object patterns and learn after multiple runs
- Use of the Twitter API to get tweets from a given user & tweet data
- Developed a website that uses twitter data to construct user sentiment analysis
- 2 different E-commerce websites each had the capability to sell products to users

CODING PROJECTS

AI JAVA PROJECT (https://github.com/Mohsin230/javaAI_diagnosis)

- Java assignment in a Artificial intelligence course, showcasing a program adapting to user inputs given to better provide an accurate medical diagnosis

CLIENT TO SERVER APP (https://github.com/Mohsin230/CompNetworkProject)

- Computer networks assignment, showcasing use of client to server connection, allowing multiple clients to simultaneously update data held on a server and to retrieve the state of its data at any moment.

STOCK EYE APP (https://github.com/Mohsin230/stockEye)

- Group project, back end role and proposed the ideas and functions of the project
- Had done twitter api in a personal project and some work in sentiment analysis, so I proposed a program where stock market investors can look at which stocks are being talked about a lot recently on social media sites such as twitter and google
- Made in response to at the time huge rise of gamestops' stock

CRYPTOGRAPHY PROJECT (https://github.com/Mohsin230/CryptoAssignment1)

- Assignment in a cryptography course, showcasing the use of simple encryption/decryption, crypto analysis of an extended atbash cipher, the spartan scytale cipher and a polybius square cipher as well as the use of a dictionary file, to detect a plaintext and accomplish the crypto analysis

VOLUNTEERING

Al Falah Islamic Centre   **Mississauga, ON**
Event Volunteer   *May 2015*
- Setup equipment for cultural festival
- Facilitated operations for third party vendors

Churchill Meadows Public Library   **Mississauga, ON**
Library assistant   *Jan 2015*
- Shelved and organized Graphic novels, Non-fiction and Fiction books
- Managed computer, clerical, and office work
- Managed the cleanliness and organization of the library, office, lost & found, and shelves